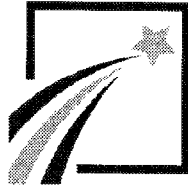


A05-0041



***National
Environmental
Achievement Track***

Application Form

International Engine Corporation

Name of facility

Navistar International Transportation Corporation

Name of parent company (if any)

10400 West North Avenue

Street address

Street address (continued)

Melrose Park, IL 60160

City/State/Zip code

Give us information about your contact person for the
National Environmental Achievement Track Program.

Name Sanjay Patel

Title Environmental Manager

Phone 708-865-4359

Fax 708-216-0628

E-mail sanjay.patel@nav-international.com

Why do we need this information?

EPA needs background information on your facility to evaluate your application.

What do you need to do?

- Provide background information on your facility
- Identify your environmental requirements.

Section A

Tell us about your facility.

1 What do you do or make at your facility?

Diesel Engine

2 List the Standard Industrial Classification (SIC) code(s) or North American Industrial Classification System (NAICS) codes that you use to classify business at your facility.

SIC
3519

NAICS

3 Does your company meet the Small Business Administration definition of a small business for your sector?

☐ Yes

☒ No

4 How many employees (full-time equivalents) currently work at your facility?

☐ Fewer than 50

☐ 50-99

☐ 100-499

☐ 500-1,000

☒ More than 1,000

Section A, continued

5 Does your facility have an EPA ID number(s)?

☒ Yes

☐ No

If yes, list in the right-hand column.

ILD005245238

6 Identify the environmental requirements that apply to your facility. Use the Environmental Requirements Checklist, at the back of the instructions, as a reference. List your requirements to the right **or** enclose a completed Checklist with your application.

See Attachment

7 Check the appropriate box in the right-hand column.

☐ I've listed the requirements above.

☒ I've enclosed the Checklist with my application.

8 Optional: Is there anything else you would like to tell us about your facility?

Melrose Park Facility have a proactive environmental management program since 1990. We achieved ISO 14001 certification in November 1999. Melrose Park Plant was the First Diesel Engine Manufacturing to receive the ISO 14001 Certification. Melrose Park Plant is six time Governor's Pollution Prevention award winner for various projects. We have a great management support and employee cooperation. Every one takes pride in improving the environment. We have different recycling programs from paper to toner cartridges to computers, etc. Melrose Park Plant has not generated any hazardous waste in 1998 and 1999. Reduce non-hazardous waste by more than 50%.

Why do we need this information?

Facilities must have an operating Environmental Management System (EMS) that meets certain requirements.

What do you need to do?

- Confirm that your EMS meets the Achievement Track requirements.
- Tell us if you have completed a self-assessment or have had a third-party assessment of your EMS.

Section B

Tell us about your EMS.

1 Check **yes** if your EMS meets the requirements for each element below as defined in the instructions.

- | | |
|--|---|
| <i>a.</i> Environmental policy | <input checked="" type="checkbox"/> Yes |
| <i>b.</i> Planning | <input checked="" type="checkbox"/> Yes |
| <i>c.</i> Implementation and operation | <input checked="" type="checkbox"/> Yes |
| <i>d.</i> Checking and corrective action | <input checked="" type="checkbox"/> Yes |
| <i>e.</i> Management review | <input checked="" type="checkbox"/> Yes |

2 Have you completed at least one EMS cycle (plan-do-check-act)? ☒ Yes

3 Did this cycle include both an EMS and a compliance audit? ☒ Yes

4 Have you completed an objective self-assessment or third-party assessment of your EMS? ☒ Yes

If yes, what method of EMS assessment did you use?

☐ Self-assessment

☐ GEMI

☐ Other

☐ CEMP

☒ Third-party assessment

☒ ISO 14001 Certification

☐ Other

Why do we need this information?

Facilities must show that they are committed to improving their environmental performance. This means that you can describe past achievements and will make future commitments.

What do you need to do?

Refer to the Environmental Performance Table in the instructions to answer questions 1 and 2.

Section C

Tell us about your past achievements and future commitments.

- 1 Describe your past achievements for at least two environmental aspects. If you need more space than is provided, attach copies of this page.

Note to small facilities: If you qualify as a small facility as defined in the instructions, you are required to report past achievement for at least one environmental aspect.

First aspect you've selected

What aspect have you selected?	What was the previous level (2 years ago)?		What is the current level?	
	Quantity	Units	Quantity	Units
Reduce Hazardous Waste Disposal - Cleaning Solvent	8000	Pounds	0	Pounds
<p>i. How is the current level an improvement over the previous level?</p> <p>Decreased by 100%</p>				
<p>ii. How did you achieve this improvement?</p> <p>Substitute the product with High flash non-flammable solvent. Eliminate number of tanks in service. Altered pump-out schedules.</p>				

Second aspect you've selected

What aspect have you selected?	What was the previous level (2 years ago)?		What is the current level?	
Reduce VOC emissions from paint.	Quantity 3.5 pounds	Units per Gallon	Quantity 1.35 Pounds	Units Per Gallon
<p>i. How is the current level an improvement over the previous level?</p> <p>Water Based paint with lower VOC - reduced emissions</p>				
<p>ii. How did you achieve this Improvement?</p> <p>New State of the Art Paint line with Robotic spray system and substituting the High-solids Paint with Water-based Paint.</p>				

- 2 Select at least four environmental aspects (no more than two from any one category) from the Environmental Performance Table in the instructions and then tell us about your future commitments. If you need more space than is provided, attach copies of this section.

Note to small facilities: If you are a small facility, you are required to make commitments for at least two environmental aspects in two different categories.

First aspect you've selected

- a. What is the aspect? Hazardous Material Used *MP*
- b. Is this aspect identified as significant in your EMS? ☒ Yes ☐ No
- c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.
- ☒ Option A:
Absolute value 15,000 lbs./year (1999)
(Quantity/Units)

☐ Option B:
In terms of
units of production (Quantity/Units)
or output

d. What is the improvement you are committing to over the next three years? You may choose to state this as an absolute value or in terms of units of production or output.

- ☒ Option A:
Absolute value <10,000 lbs.
(Quantity/Units)
- ☐ Option B:
In terms of
units of production (Quantity/Units)
or output

e. How will you achieve this improvement?

The Hazardous Material is Chloronited Paraffin a TRI reportable chemical. Our Goal is to reduce the usage to reduce the environmental risk and/or to eliminate by substitution and process change. This may be achieved by redesigning the application pattern of the product. It's more controlled reducing overspray. Eliminating waste by maintaining the spray equipments. Investigate different application methods in progress to even reduce this further.

Second aspect you've selected

a. What is the aspect?

Total Energy Use - Natural Gas

RP

b. Is this aspect identified as significant in your EMS?

☒ Yes ☐ No

c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.

- ☒ Option A:
Absolute value 3.03 Million Therms/year
(Quantity/Units)
- ☐ Option B:
In terms of
units of production (Quantity/Units)
or output

d. What is the improvement you are committing to over the next three years? You may choose to state this as an absolute value or in terms of units of production or output.

- ☒ Option A:
Absolute value 2.94 Million Therms/year
(Quantity/Units)
- ☐ Option B:
In terms of
units of production (Quantity/Units)
or output

e. How will you achieve this improvement?

Our intent is to reduce the Natural Gas usage by 3% by implementing various engineering projects through out the facility. Examples of project under works are: Steam recovery from cogen exhaust, New insulated roof and windows in building 6 & 7. New truck dock doors equipped with seals, controlling HVACs using computerized energy management system, etc.

Third aspect you've selected

- a. What is the aspect? Water usage (Cogen cooling tower) *JP*
- b. Is this aspect identified as significant in your EMS? ☒ Yes ☐ No
- c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.
- ☒ Option A: Absolute value 13 Million Gallons / Yr. (Quantity/Units)
- ☐ Option B: In terms of units of production or output (Quantity/Units)
- d. What is the improvement you are committing to over the next three years? You may choose to state this as an absolute value or in terms of units of production or output.
- ☒ Option A: Absolute value 10.9 million Gallons / Yr. (Quantity/Units)
- ☐ Option B: In terms of units of production or output (Quantity/Units)
- e. How will you achieve this improvement? Engineering studies indicate that introducing an acid modified program for the Cogen cooling towers will increase the number of cycles from 2.5 to 4.25. This will result in a 2.1 million gallons annual reduction in water usage and an annual savings of \$10,000.

Fourth aspect you've selected

- a. What is the aspect? Chemical and water usage in Test Cells *JP*
- b. Is this aspect identified as significant in your EMS? ☒ Yes ☐ No
- c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.
- ☒ Option A: Absolute value 10 Gallons / Engine (Quantity/Units)
- ☐ Option B: In terms of units of production or output (Quantity/Units)
- d. What is the improvement you are committing to over the next three years? You may choose to state this as an absolute value or in terms of units of production or output.
- ☒ Option A: Absolute value 2 Gallons Solution / Engine (Quantity/Units)
- ☐ Option B: In terms of units of production or output (Quantity/Units)

e. How will you achieve this improvement?

The installation of a closed-loop engine coolant supply for the test cells will capture, filter, and recycle coolant solution to the engine that was previously wasted. This will result in an annual reduction of 526,400 gallons of coolant solution. 10,528 gallons of this reduction is rust preventative, which corresponds to a \$70.642 annual saving.

Why do we need this information?

Facilities must demonstrate their commitment to public outreach and performance reporting. You should have appropriate mechanisms in place to identify community concerns, to communicate with the public, and to provide information on your environmental performance.

Section D

Tell us about your public outreach and reporting.

What do you need to do?

- Describe your approach to public outreach.
- List three references who are familiar with your facility.

1 How do you identify and respond to community concerns?

Members of Melrose Park Chamber of Commerce, Open house, close contact with neighbors. Work with local Environmental groups. Invite neighbors for tour and inspection of the facilities.

2 How do you inform community members of important matters that affect them?

Through our Melrose Park village chamber. If necessary memos may be mailed to the community members. Keep local fire department informed about training activities, etc. Community members can reach the environmental manager through our direct phone line or through the companies common phone line. Publish annual Environmental, Health and Safety report which is available to public.

3 How will you make the Achievement Track Annual Performance Report available to the public?

☐ Website www.

☒ Newspaper

☒ Open Houses

☒ Other

On call as needed and mailing list.

- 4 Are there any ongoing citizen suits against your facility? ☐ Yes ☒ No

If yes, describe briefly in the right-hand column.

5 List references below

	Organization	Name	Phone number
<i>Representative of a Community/ Citizen Group</i>	Local Resident/Neighbor	William Becker	10228 West Armitage Ave. Melrose Park, IL 60164
<i>State/Local Regulator</i>	Illinois Environmental Protection Agency	Erlinda Lozada	708-338-7969
<i>Other community/local reference</i>	Illinois Environmental Protection Agency Office of Pollution Prevention	Mark Gerberding	217-785-8797

Section E

Application and Participation Statement.

On behalf of International Engine Corporation,
[my facility],

I certify that

- I have read and agree to the terms and conditions, as specified in the *National Environmental Achievement Track Program Description* and in the *Application Instructions*;
- I have personally examined and am familiar with the information contained in this Application (including, if attached, the *Environmental Requirements Checklist*). The information contained in this Application is, to the best of my knowledge and based on reasonable inquiry, true, accurate, and complete, and I have no reason to believe the facility would not meet all program requirements;
- My facility has an environmental management system (EMS), as defined in the *Achievement Track EMS requirements*, including systems to maintain compliance with all applicable federal, state, tribal, and local environmental requirements, in place at the facility, and the EMS will be maintained for the duration of the facility's participation in the program;
- My facility has conducted an objective assessment of its compliance with all applicable federal, state, tribal, and local environmental requirements, and the facility has corrected all identified instances of potential or actual noncompliance;
- Based on the foregoing compliance assessment and subsequent corrective actions (if any were necessary), my facility is, to the best of my knowledge and based on reasonable inquiry, currently in compliance with applicable federal, state, tribal, and local environmental requirements.

I agree that EPA's decision whether to accept participants into or remove them from the National Environmental Achievement Track is wholly discretionary, and I waive any right that may exist under any law to challenge EPA's acceptance or removal decision.

I am the senior facility manager and fully authorized to execute this statement on behalf of the corporation or other legal entity whose facility is applying to this program.

Signature/Date

 11/17/00

Printed Name/Title Sanjay Patel / Environmental Manager

Facility Name International Engine Corporation, Melrose Park Plant

Facility Street Address 10400 West North Avenue

Facility ID Numbers ILD005245238

The National Environmental Performance Track is a U.S. Environmental Protection Agency program. Please direct inquiries to 1-888-339-PTRK or e-mail ptrack@indecon.com. Mail completed applications to:

The Performance Track Information Center
c/o Industrial Economics Incorporated
2067 Massachusetts Avenue
Cambridge, MA 02140

National Environmental Achievement Track

Environmental Requirements Checklist

The following Checklist is provided to assist facilities in answering Section A, "Tell us about your facility," Question 6. The Checklist is given to help facilities identify the major federal, state, tribal, and local environmental requirements applicable at their facilities. The Checklist is not intended to be an exhaustive list of all environmental requirements that may be applicable at an individual facility.

If you use this Checklist and choose to submit it with your application, fill in your facility information below and enclose the completed Checklist with your application (see instructions).

Facility Name International Engine Corporation
Facility Location: 10400 W. North Avenue
Facility ID Number(s): ILD005245238
(attach additional sheets if necessary)

Air Pollution Regulations

Check All
That Apply

1. National Emission Standards for Hazardous Air Pollutants (40 CFR 61) ☒
2. Permits and Registration of Air Pollution Sources ☒
3. General Emission Standards, Prohibitions and Restrictions ☒
4. Control of Incinerators ☐
5. Process Industry Emission Standards ☐
6. Control of Fuel Burning Equipment ☐
7. Control of VOCs ☐
8. Sampling, Testing and Reporting ☒
9. Visible Emissions Standards ☐
10. Control of Fugitive Dust ☒
11. Toxic Air Pollutants Control ☐
12. Vehicle Emissions Inspections and Testing ☐

Other Federal, State, Tribal or Local Air Pollution Regulations Not Listed Above (identify)

13. Emission Reduction Marketing System (ERMS) ☒
14. Title V Operation Permit ☒

Hazardous Waste Management Regulations

1. Identification and Listing of Hazardous Waste (40 CFR 261)
 - Characteristic Waste ☒
 - Listed Waste ☐
2. Standards Applicable to Generators of Hazardous Waste (40 CFR 262)
 - Manifesting ☒

- Pre-transport requirements ☒
- Record keeping/reporting ☒
- 3. Standards Applicable to Transporters of Hazardous Waste (40 CFR 263)
 - Transfer facility requirements ☐
 - Manifest system and record-keeping ☐
 - Hazardous waste discharges ☐
- 4. Standards for Owners and Operators of TSD Facilities (40 CFR 264)
 - General facility standards ☐
 - Preparedness and prevention ☐
 - Contingency plan and emergency procedures ☐
 - Manifest system, Record keeping and reporting ☐
 - Groundwater protection ☐
 - Financial requirements ☐
 - Use and management of containers ☐
 - Tanks ☐
 - Waste piles ☐
 - Land treatment ☐
 - Incinerators ☐
- 5. Interim Status Standards for TSD Owners and Operators (40 CFR 265) ☐
- 6. Interim Standards for Owners and Operators of New Hazardous Waste Land Disposal Facilities (40 CFR 267) ☐
- 7. Administered Permit Program (Part B) (40 CFR 270) ☐

Other Federal, State, Tribal or Local Hazardous Waste Management Regulations Not Listed Above (identify)

- 8. ☐
- 9. ☐

Hazardous Materials Management

- 1. Control of Pollution by Oil and Hazardous Substances (33 CFR 153) ☒
- 2. Designation of Reportable Quantities and Notification of Hazardous Materials Spill (40 CFR 302) ☒
- 3. Hazardous Materials Transportation Regulations (49 CFR 172-173) ☐
- 4. Worker Right-to-Know Regulations (29 CFR 1910.1200) ☒
- 5. Community Right-to-Know Regulations (40 CFR 350-372) ☒

Other Federal, State, Tribal or Local Hazardous Materials Management Regulations Not Listed Above (identify)

- 6. ☐
- 7. ☐

Solid Waste Management

- 1. Criteria for Classification of Solid Waste Disposal Facilities and Practices (40 CFR 257) ☐
- 2. Permit Requirements for Solid Waste Disposal Facilities ☐
- 3. Installation of Systems of Refuse Disposal ☐

- | | |
|---|--------------------------|
| 4. Solid Waste Storage and Removal Requirements | <input type="checkbox"/> |
| 5. Disposal Requirements for Special Wastes | <input type="checkbox"/> |

Other Federal, State, Tribal or Local Solid Waste Management Regulations Not Listed Above (identify)

- | | |
|----|--------------------------|
| 6. | <input type="checkbox"/> |
| 7. | <input type="checkbox"/> |

Water Pollution Control Requirements

- | | |
|---|-------------------------------------|
| 1. Oil Spill Prevention Control and Countermeasures (SPCC) (40 CFR 112) | <input checked="" type="checkbox"/> |
| 2. Designation of Hazardous Substances (40 CFR 116) | <input checked="" type="checkbox"/> |
| 3. Determination of Reportable Quantities for Hazardous Substances (40 CFR 117) | <input checked="" type="checkbox"/> |
| 4. NPDES Permit Requirements (40 CFR 122) | <input checked="" type="checkbox"/> |
| 5. Toxic Pollutant Effluent Standards (40 CFR 129) | <input type="checkbox"/> |
| 6. General Pretreatment Regulations for Existing and New Sources (40 CFR 403) | <input type="checkbox"/> |
| 7. Organic Chemicals Manufacturing Point Source Effluent Guidelines and Standards (40 CFR 414) | <input type="checkbox"/> |
| 8. Inorganic Chemicals Manufacturing Point Source Effluent Guidelines and Standards (40 CFR 415) | <input type="checkbox"/> |
| 9. Plastics and Synthetics Point Source Effluent Guidelines and Standards (40 CFR 416) | <input type="checkbox"/> |
| 10. Water Quality Standards | <input type="checkbox"/> |
| 11. Effluent Limitations for Direct Dischargers | <input type="checkbox"/> |
| 12. Permit Monitoring/Reporting Requirements | <input type="checkbox"/> |
| 13. Classifications and Certifications of Operators and Superintendents of Industrial Wastewater Plants | <input checked="" type="checkbox"/> |
| 14. Collection, Handling, Processing of Sewage Sludge | <input type="checkbox"/> |
| 15. Oil Discharge Containment, Control and Cleanup | <input checked="" type="checkbox"/> |
| 16. Standards Applicable to Indirect Discharges (Pretreatment) | <input checked="" type="checkbox"/> |

Other Federal, State, Tribal or Local Water Pollution Control Regulations Not Listed Above (identify)

- | | |
|--|-------------------------------------|
| 17. Metropolitan Water Reclamation District of Greater Chicago | <input checked="" type="checkbox"/> |
| 18. | <input type="checkbox"/> |

Drinking Water Regulations

- | | |
|--|--------------------------|
| 1. Underground Injection and Control Regulations, Criteria and Standards (40 CFR 144, 146) | <input type="checkbox"/> |
| 2. National Primary Drinking Water Standards (40 CFR 141) | <input type="checkbox"/> |
| 3. Community Water Systems, Monitoring and Reporting Requirements (40 CFR 141) | <input type="checkbox"/> |
| 4. Permit Requirements for Appropriation/Use of Water from Surface or Subsurface Sources | <input type="checkbox"/> |
| 5. Underground Injection Control Requirements | <input type="checkbox"/> |

6. Monitoring, Reporting and Record keeping Requirements for Community Water Systems ☐

Other Federal, State, Tribal or Local Drinking Water Regulations Not Listed Above(identify)

7. ☐
8. ☐

Toxic Substances

1. Manufacture and Import of Chemicals, Record keeping and Reporting Requirements (40 CFR 704) ☐
2. Import and Export of Chemicals (40 CFR 707) ☐
3. Chemical Substances Inventory Reporting Requirements (40 CFR 710) ☒
4. Chemical Information Rules (40 CFR 712) ☐
5. Health and Safety Data Reporting (40 CFR 716) ☒
6. Pre-Manufacture Notifications (40 CFR 720) ☐
7. PCB Distribution Use, Storage and Disposal (40 CFR 761) ☒
8. Regulations on Use of Fully Halogenated Chlorofluoroalkanes (40 CFR 762) ☐
9. Storage and Disposal of Waste Material Containing TCDD (40 CFR 775) ☐

Other Federal, State, Tribal or Local Toxic Substances Regulations Not Listed Above
(identify)

10. ☐
11. ☐

Pesticide Regulations

1. FIFRA Pesticide Use Classification (40 CFR 162) ☐
2. Procedures for Disposal and Storage of Pesticides and Containers (40 CFR 165) ☐
3. Certification of Pesticide Applications (40 CFR 171) ☐
4. Pesticide Licensing Requirements ☐
5. Labeling of Pesticides ☐
6. Pesticide Sales, Permits, Records, Application and Disposal Requirements ☐
7. Disposal of Pesticide Containers ☐
8. Restricted Use and Prohibited Pesticides ☐

Other Federal, State, Tribal or Local Pesticides Regulations Not Listed Above
(identify)

9. ☐
10. ☐

Environmental Clean-Up, Restoration, Corrective Action

1. Comprehensive Environmental Response, Compensation and Liability Act (Superfund) (identify)

☐
☐

2. RCRA Corrective Action (identify)

☐
☐

**Other Federal, State, Tribal or Local Environmental Clean-Up, Restoration,
Corrective Action Regulations Not Listed Above (identify)**

3.

☐
☐

4.



NSF International Strategic Registrations, Ltd.



10000 North Central Expressway
Suite 1000
Dallas, Texas 75243-2090
Tel: 972.362.8200
Fax: 972.362.8201
E-Mail: info@nsf-intl.com

Certificate of Registration

This certifies that the Environmental Management System of

NAVISTAR INTERNATIONAL TRANSPORTATION CORP. MELROSE PARK ENGINE PLANT & TECHNICAL CENTER

10400 West North Avenue
Melrose Park, IL 60160

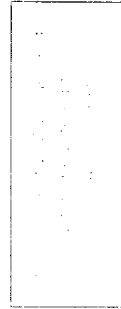
has been assessed by NSF-ISR and found to be in compliance to the following standard(s):

ISO 14001:1996



Scope of Registration:

Design and manufacture of medium duty diesel engines.




Industrial Classification:

IAH IS
SIC 3519
NAICS 3329



Certificate Number: 69691-E2
Certificate Issue Date: 12/02/96
Date of Initial Registration: 11/18/96


Randy A. Dougherty
President, NSF-ISR

